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BOOK 2875

2875

DEPARTMENT OF THE INTERIOR  
UNITED STATES RECLAMATION SERVICE

F-I-E-L-D N-O-T-E-S

of

Subdivision of Section 5

and

Survey of Farm Units in  $W\frac{1}{2}$   $NE\frac{1}{4}$  of said Section

in

Tp. 1 S., R. 3 E., G. & S. R. B. & M., Maricopa County,

Arizona

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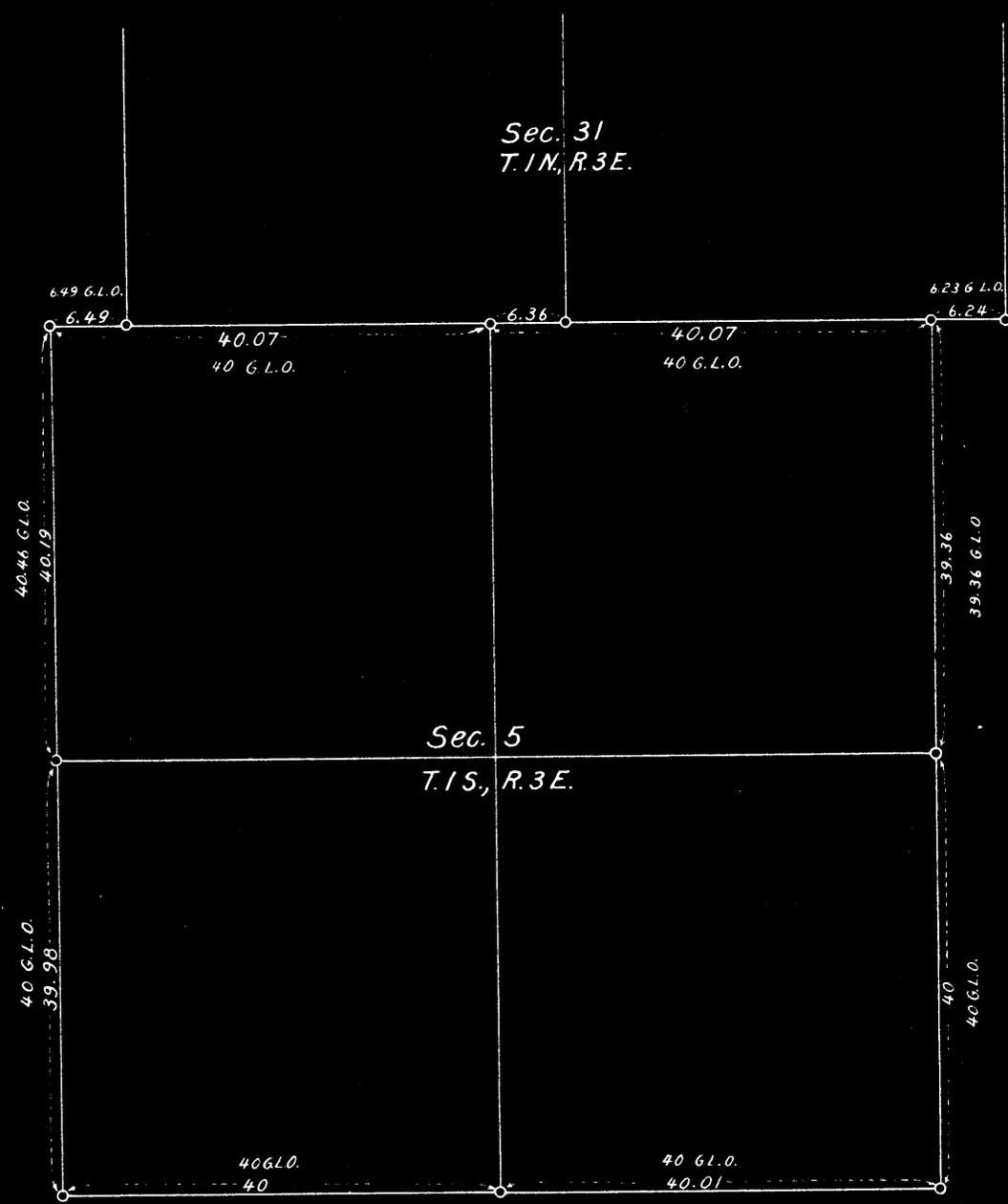
Executed by A. M. Rawn, Instrumentman,  
U. S. Reclamation Service

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Survey commenced August 8, 1916

Survey completed August 10, 1916

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COMPARISON OF LAND OFFICE AND  
 USRS NOTES ON EXISTING CORNERS  
 OF  
 SECTION 5  
 T. 1 S., R. 3 E.  
 PHOENIX, ARIZONA      OCTOBER 30, 1916  
 Scale 1" = 1000'

1915.10.17

3

SE corner Section 31, Township 1 North, Range 3 East, which is the

SW corner Section 32, Township 1 North, Range 3 East,

G. & S. R. B. & M.

This corner has been identified as being replaced in the location of the original corner as located by the Government Land Office Survey of 1857.

See survey of Farm Units in SE 1/4 Sec. 31., T-1-N, R-3-E, G. & S. R. B. & M., by O. J. Schieber, Jr. Engineer, U. S. Reclamation Service, Sept. 9 to 11, 1915.

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SE corner of Section 32, Township 1 North, Range 3 East.

This corner is a brown river-washed rock 4" x 6" x 12", 4" below the surface of the road. Statements by local surveyors lead to the belief that this rock has been in its present location for fifteen to twenty years and the testimony of resident land owners shows no other possible location for this corner, and the corner is in accordance with all fences and land lines surrounding it.

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NE corner of Section 5, Township 1 South, Range 3 East.

This corner stone is a river-washed granite stone 4" x 5" x 12", set 4" below the surface of the road. As evidences of its location in the original location by the Government Land Office survey of 1868, I submit that it is located on a line between the SE corner and the SW corner of Section 32, Township 1 North, Range 3 East, G. & S. R. B. & M., and within 0.01 chains of the distance west from the SE corner of Section 32 as shown in the original survey of 1868; that as a closing corner it should be on a line between these two standard corners and that it has existed in its present location as long

as the oldest resident in the immediate neighborhood has made his home on the adjacent property.

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NW corner of Section 5, Township 1 S., Range 3 E., G. & S. R. B. & M.

This corner is a concrete monument 12" diameter x 18" imbedding a square reinforcing rod and set 4" below the surface of the ground. The concrete monument marking this corner replaces a stone which formerly marked this location, the replacement being made in 1910 by Daniel Marsh, Jr. Engineer, in the U. S. Reclamation Service. This corner is located on line between the SE corner and the SW corner of Section 31, Township 1 North, Range 3 East, and the exact distance west of the SE corner of Section 31 shown on the original survey of 1868 by the Government Land Office. This as a closing corner should be on line between these two standard corners and has been in its present location as long as the oldest resident in the immediate neighborhood has made his home here.

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N $\frac{1}{2}$  corner of Section 5, Township 1 South, Range 3 East

This corner is located on line between the NE corner of Section 5, Township 1 South, Range 3 East, and the SW corner of Section 32, Township 1 North, Range 3 East, and midway between the NE corner and the NW corner of Section 5, Township 1 North, Range 3 East. It is at present a  $\frac{3}{8}$ " square reinforcing rod imbedded in concrete, set 4" below the surface of the ground, replacing a stone monument, the replacement being made in 1910 by Daniel Marsh, Jr. Engineer in the U. S. Reclamation Service. This corner has been in its present location as long as the oldest resident in the immediate neighborhood has made his home in the vicinity. All fences and property lines are in full accordance with the location.

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SW corner of Section 5, Township 1 South, Range 3 East.

This corner is marked with a cylindrical concrete monument 12" diameter by 24", set 6" above surface of the ground imbedding a  $3/8$ " square reinforcing rod, the concrete monument replacing a pointed grey granite rock which formerly marked this point, the replacement being made in 1910 by I. M. Clausen, Surveyman, U. S. Reclamation Service. This corner fits closely the adjacent fence lines and has been in its present location as far back as any testimony can be secured.

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W $1/4$  corner of Section 5, Township 1 South, Range 3 East.

This corner is marked with a cylindrical concrete monument 12" in diameter and 18" long, set flush with the ground and imbedding a  $3/8$ " square reinforcing rod, the concrete monument replacing a grey granite rock marked with a cross. Replacement was made in 1910 by I. M. Clausen, Surveyman, U. S. Reclamation Service. This corner fits exactly the adjacent land lines and is supported by evidence of nearby resident that has been in present location since land was settled.

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SE corner of Section 5, Township 1 South, Range 3 East.

This corner is marked with a cylindrical concrete monument 12" diameter by 18", set flush with the surface of the ground and imbedding a  $3/8$ " square reinforcing rod, the concrete monument replacing a granite rock. Replacement made in 1910 by I. M. Clausen, Surveyman, U. S. Reclamation Service. As supporting evidence to the location of this corner, I submit that it fits local land lines exactly and has been in its present location as far back as evidence is available.

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S $\frac{1}{4}$  corner of Section 5, Township 1 South, Range 3 East.

This corner is marked with a cylindrical concrete monument 12" diameter by 18", set flush with the ground and imbedding a  $\frac{3}{8}$ " square reinforcing rod replacing a blue granite rock. Replacement was made in 1910 by I. M. Clausen, Surveyman, U. S. Reclamation Service. Corner is on line between SW corner and SE corner and fits the fence lines of the adjacent property.

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E $\frac{1}{4}$  corner of Section 5, Township 1 South, Range 3 East.

This corner is marked with a granite stone 4" x 6" x 12" set flush with ground surface marked with a cross. This corner fits all existing land marks and has been in its present location as long as any reliable evidence can be obtained from nearby residents.

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The midsection corner of Section 5, Township 1 South, Range 3 East.

This corner is located at the intersection of straight lines run from the E $\frac{1}{4}$  corner to the W $\frac{1}{4}$  corner and from the N $\frac{1}{4}$  corner to the S $\frac{1}{4}$  corner of Section 5. Its location fits closely the existing land marks. It is marked with a cylindrical concrete monument 12" diameter x 18" set flush with the surface of the ground and imbedding a  $\frac{3}{8}$ " square reinforcing rod. Concrete monument replaces a stone formerly marking the point, replacement being made in 1910 by I. M. Clausen, Surveyman, U. S. Reclamation Service.

**NOTE:-** Reliable evidence as to whether or not the present existing monuments marking the corners of Section 5, Township 1 South, Range 3 East are located at the points set by the Government Land Office in 1868 is impossible to obtain, however, a retracement of the existing corners of the section (see attached plat) shows both as to bearing and distance an exceedingly close check on the original notes.

The land in this section, until very recent years, has been in desert and all evidence such as posts, mound and pits of the location of the original corners is destroyed.

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Subdivision of Sec. 5, T<sub>1</sub>S., R. 3 E., G. & S. R. B. & M., Arizona.

Chains

Survey commenced August 8, 1915, and executed with a C. L. Berger & Son Transit, U.S.R.S., No. 2904, the horizontal limb having two double verniers opposite each other and reading to 30" of arc.

The instrument was examined and found to be in good adjustment.

All section and ( $\frac{1}{4}$ ) quarter section corners were found in place. These are in no case the original corners, they having been obliterated years ago. The corners now in place were set from ten to twenty years ago while section 5 was still unsettled desert land and while, it is assumed, there still remained some evidence of the original corners. The location of these corners and the common property lines determined by them have been fixed for a period extending a number of years before the construction of the Highline Canal in 1912.

August 8, 1916: Using the south line of Section 31, T<sub>1</sub> N., R. 3 E., G. & S. R. B. & M., as a base - said south line having a true bearing of N. 89°58' W. the bearing established by O. J. Scheiber, Jr. Engineer, U. S. R. S., on September 20, 1915, in the supplemental survey of Section 31, (Access No. 7138 Accepted by Commissioner Sept. 15, 1918) and a portion of the said south boundary line of Section 31 being the north boundary line of Section 5, T<sub>1</sub> S., R. 3 E., G. & S. R. B. & M., between the SE corner of the said section 31 and the NW corner of section 5 - I determine with a transit the various angles of this survey.

From the N. ( $\frac{1}{4}$ ) corner of Section 5, a 3/8 inch square reinforcing rod set in concrete placed 4 inches below the road surface, - I sight to the midsection (16/13) corner of section 5, which is visible, and run S. 0°02' E. on true line.

10.14 2 inch x 2 inch stake, set by entryman, marking the NW corner of lot 3 which I replace with an iron pipe, 2 inches diameter x 36 inches long, set 30 inches in ground.

30.11 Intersect the south right-of-way line of the Highline Canal and mark the point with a 2 inch pipe, 36 inches long set 30 inches in the ground, for the SW corner of farm unit 6 and the NW corner of lot 7.

39.79 (16/13) midsection corner of section 5, a 3/8 inch square reinforcing bar imbedded in concrete and set flush with the ground surface.

From the (16/13) midsection corner of section 5, heretofore described, I sight to the E. ( $\frac{1}{4}$ ) quarter corner of section 5 which is visible and run N. 89°17' E. on true line.

20.00 Set temporary stake for 16 14 corner.

40.04 E. ( $\frac{1}{4}$ ) quarter corner Section 5, a grey granite stone 4 inches x 6 inches x 12 inches set flush with the ground. Retracing S. 89°17' W. and at

20.02 Set granite rock 3 inches x 4 inches x 12 inches flush with ground surface and marked with a cross for the 16/14 corner of Section 5, and SE corner of lot 7.

From the E ( $\frac{1}{4}$ ) quarter corner of Section 5, heretofore described, I sight to the NE corner of Section 5 which is visible and run N. 0°01' E. on true line.

39.36 NE corner section 5, a river washed granite rock 4 inches x 6 inches x 12 inches set 4 inches below the surface and marked with a cross.

From the NE corner of Section 5, heretofore described, I sight to the N ( $\frac{1}{4}$ ) quarter corner of Section 5 which is visible and run S. 89°54' W. on true line.

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Chains

20.04 16/1 corner section 5 - a granite boulder approximately 3 inches x 6 inches x 8 inches marked with a cross and set 3 inches below surface, and which is the NE corner of lot 5.

40.07 N (1/4) quarter corner section 5, heretofore described, and which is the NW corner of lot 5.

From the 16/14 corner Section 5, heretofore described, I sight to the 16/1 corner section 5 which is visible and run N. 0°01' W. on true line and at

14.00 intersect the south right-of-way line of the Highline Canal and set an iron pipe 2 inches diameter x 36 inches long, set 30 inches in the ground as marking the NE corner of lot 7 and the SE corner of lot 5

39.58 16/1 corner of Section 5, heretofore described.

From the NW corner of lot 6, heretofore described, and from which the N (1/4) quarter corner of Section 5 bears N. 0°02' W. 10.14 chains distant, and the 16/13 corner of section 5 bears S. 0°02' E., 29.65 chains distant, I sight to the NE corner of farm unit 6 which is visible and run N. 89°51' E. on true line

6.35 NE corner of lot 6, a 2 inch x 2 inch stake set by entryman in the west right-of-way line of proposed extension to Central Avenue - I replace this stake with an iron pipe 2 inches diameter x 36 inches long placed 30 inches in ground.

From the NE corner of lot 6, heretofore described, I sight to stakes marking the west right-of-way line of proposed extension to Central Avenue and run S. 0°18' E. on true line

18.39 Intersect the south right-of-way line of the Highline Canal and set an iron pipe 2 inches diameter x 36 inches long, placed 30 inches in ground to mark this point which is the SE corner of lot 6.

TRAVERSE OF THE S. RIGHT-OF-WAY LINE OF THE HIGHLINE CANAL

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Beginning at the NE corner of lot 7 which is the SE corner of lot 5 and heretofore described as a point in the south right-of-way line of the Highline Canal, from which point the 16/14 corner of Section 5 bears S. 0°01' E., 14.00 chains distant and the 16/1 corner of Section 5 bears No. 0°01' W., 25.58 chains distant, I run S. 83°29' W.

1.55 Set iron pipe 2 inches diameter x 36 inches long placed 30 inches in ground for an angle point; thence S. 81°30' W.

4.56 Set iron pipe 2 inches diameter x 36 inches long, placed 30 inches in ground, for angle point; thence S. 76°30' W.

4.56 Set iron pipe 2 inches diameter x 36 inches long, placed 30 inches in ground for angle point; thence S. 71°20' W.

2.79 Set iron pipe 2 inches diameter x 36 inches long, placed 30 inches in ground for angle point; thence S. 69°52' W.

0.48 SE corner of lot 6, heretofore described - continuing same course

3.55 Set iron pipe 2 inches diameter x 36 inches long, placed 30 inches in ground for angle point; thence S. 79°12' W.

2.40 Set iron pipe 2 inches diameter x 36 inches long, placed 30 inches in ground for angle point; thence S. 85°49' W.

1.21 SW corner of lot 6, which is the NW corner of lot 7 and heretofore described and from which the N (1/4) quarter corner of Section 5 bears No. 0°02' W., 30.11 chains distant and the 16/13 corner of Section 5 bears S. 0°02' E., 9.68 chains distant.

FINAL OATH

I, A. M. Rawn, Instrumentman, U. S. Reclamation Service, do solemnly swear that I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of Section 5, Township 1 South, Range 3 East, Gila and Salt River Base and Meridian, in State of Arizona, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

(Signed) A. M. Rawn  
Instrumentman, U. S. R. S.

Subscribed by said A.M.Rawn and sworn to before me this 31 day of October, 1916.

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Signed by Surveyor-General of Arizona

Approval

UNITED STATES RECLAMATION SERVICE

WASHINGTON, D.C.  
February 15, 1917

The foregoing field notes of the subdivision of Section 5, Tp. 1 S., R. 3 E., G. & S. R. B. & M., Arizona, and the survey of farm units therein, executed by A.M.Rawn, Instrumentman, U.S.R.S., having been examined and found to conform with instructions, are hereby approved.

*RPR*  
*gem*  
A. P. Davis  
Director and Chief Engineer

DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

WASHINGTON, D. C.  
May 18, 1917

The foregoing field notes of the subdivision of Section 5, Tp. 1 S., R. 3 E., G. & S. R. B. & M., Arizona, and the survey of farm units therein, having been examined and found to conform with the requirements of this office, the said field notes and the surveys they describe are hereby accepted.

*HBP*

*ESD*

[Signature]  
Commissioner.